

Amendments to the Specification:

[0071]FIGS. 8a-8f 8a-8e show several examples of different types and variations of cross sections of the intra-osseous part 12 of the proposed implant 10 according to the invention provided with grooves 19 interrupting the screw thread 18.

[0072]In FIG. 8a the grooves 19 show a round shape leaving sharp and pointing thread edges 18", whilst FIG. 8b shows flattened thread surfaces 18 with a polygonal cross section. FIG. 8c shows a combination of narrow 19 and wider 19' grooves with an octagonal cross section. The wide groove 19' can be used to mark the position of the bevel 23 on the support part 15. This construction makes orientation during implant placement more accurate and easy.

[0073]FIG. 8d shows flat grooves 19 with sharp thread edges 18, whereas FIG. 8e shows trapezoid shaped thread profiles 18 due to a specific milling operation. FIG. 8f shows grooves 19 with sharp thread surfaces 18 with a hexagonal cross section.

[0078]The embodiment of FIG. 10a-10b discloses an intra-osseous implant part shaped or configured as a nail. In FIG. 10b the retention elements 18 have a higher profile at the cervical end 12c than at the apical end 12b. Therefore, the depth of the grooves 19a and 19b becomes smaller towards the direction of the apical end 12b.